



## IN THE CLAIMS:

- 1. (Cancelled)
- 2. (Currently Amended) A computer program product as claimed in claim 14, wherein said sequence of predefined actions is user defined.
- 3. (Currently Amended) A computer program product as claimed in claim 14, wherein one or more of said predefined actions is performed after receipt of a user input confirming said predefined action.
- 4. (Currently Amended) A computer-program product as claimed in claim 1, A computer program product for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:
- sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- outbreak detection code operable to detect said outbreak; and (ii)
- (iii) sequence following code operable to follow said sequence of predefined actions; wherein said sequence of predefined actions varies in dependence upon time of day.
- 5. (Currently Amended) A computer program product as claimed in claim 1:A computer program product for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:
- sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- outbreak detection code operable to detect said outbreak; and (ii)
- sequence following code operable to follow said sequence of predefined actions; (iii) wherein said sequence of predefined actions varies in dependence upon day of week.

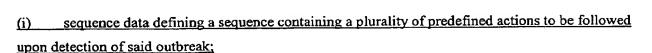
said predefined actions is reducing virus detection notifications.



- 6. (Currently Amended) A computer program product as claimed in claim 14, wherein one of
- 7. (Currently Amended) A computer program product as claimed in claim 14, wherein one of said predefined actions is switching from virus quarantining to virus deletion when a computer virus is detected.



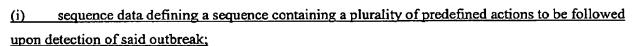
- 8. (Currently Amended) A computer program product as claimed in claim 14, wherein one of said predefined actions is increasing scan options that control how thoroughly said computer system is scanned to detect a computer virus.
- 9. (Currently Amended) A computer program product as claimed in claim 14, wherein one of said predefined actions is sending a copy of said detected computer virus to a remote site for analysis.
- 10. (Currently Amended) A computer program product as claimed in claim 14, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.
- 11. (Currently Amended) A computer program product as claimed in claim 14, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.
- 12. (Currently Amended) A computer program product as claimed in claim 14, wherein one of said predefined actions is performing a complete virus scan of all computer files stored in at least a portion of said computer apparatus.
- 13. (Cancelled)
- 14. (Currently Amended) A computer program product as claimed in claim 13, A computer program product for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:



- outbreak detection code operable to detect said outbreak; and (ii)
- sequence following code operable to follow said sequence of predefined actions; (iii) wherein one of said predefined actions is blocking e-mail attachments; wherein said predefined action of blocking e-mail attachments blocks identical attachments appearing in excess of a threshold level.
- 15. (Currently Amended) A computer program product as claimed in claim 1,A computer program product for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:
- sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- outbreak detection code operable to detect said outbreak; and (ii)
- sequence following code operable to follow said sequence of predefined actions; <u>(iii)</u> wherein one of said predefined actions is rendering non-accessible e-mail distribution lists and e-mail address books of e-mail clients coupled to said computer apparatus.
- (Currently Amended) A-computer program product as claimed in claim-1, A computer 16. program product for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:
- sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- outbreak detection code operable to detect said outbreak; and (ii)
- sequence following code operable to follow said sequence of predefined actions; (iii) wherein one of said predefined actions is restarting in administrator mode an e-mail post office coupled to said computer apparatus.
- 17. (Currently Amended) A computer program product as claimed in claim 1,A computer program product for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

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- (ii) outbreak detection code operable to detect said outbreak; and
- sequence following code operable to follow said sequence of predefined actions; wherein one of said predefined actions is closing down an e-mail post office coupled to said computer apparatus.



18. (Cancelled)

- 19. (Currently Amended) A method as claimed in claim 1821, wherein said sequence of predefined actions is user defined.
- (Currently Amended) A method as claimed in claim 1821, wherein one or more of said 20. predefined actions is performed after receipt of a user input confirming said predefined action.
- 21. (Currently Amended) A method as claimed in claim 18, A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:
- defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- detecting said outbreak; and (ii)
- (iii) following said sequence of predefined actions; wherein said sequence of predefined actions varies in dependence upon time of day.
- (Currently Amended) A method as claimed in claim 18, A method of responding to detection 22. of an outbreak of a computer virus on a computer apparatus, said method comprising:
- defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- detecting said outbreak; and (ii)
- following said sequence of predefined actions; (iii) wherein said sequence of predefined actions varies in dependence upon day of week.





- (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined 23. actions is reducing virus detection notifications.
- (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined 24. actions is switching from virus quarantining to virus deletion when a computer virus is detected.
- (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined 25. actions is increasing scan options that control how thoroughly said computer system is scanned to detect a computer virus.
- (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined 26. actions is sending a copy of said detected computer virus to a remote site for analysis.
- 27. (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.
- (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined 28. actions is downloading a latest virus definition file from a remote site.
- (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined 29. actions is performing a complete virus scan of all computer files stored in at least a portion of said computer apparatus.
- 30. (Cancelled)
- 31. (Currently Amended) A-method as claimed in claim-30, A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:
- defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- detecting said outbreak; and (ii)
- following said sequence of predefined actions; (iii)





## wherein one of said predefined actions is blocking e-mail attachments;

wherein said predefined action of blocking e-mail attachments blocks identical attachments appearing in excess of a threshold level.

- (Currently Amended) A method as claimed in claim 18,A method of responding to detection 32. of an outbreak of a computer virus on a computer apparatus, said method comprising:
- defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) detecting said outbreak; and
- (iii) following said sequence of predefined actions;

wherein one of said predefined actions is rendering non-accessible e-mail distribution lists and e-mail address books of e-mail clients coupled to said computer apparatus.

- (Currently Amended) A method as claimed in claim-18, A method of responding to detection 33. of an outbreak of a computer virus on a computer apparatus, said method comprising:
- defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- detecting said outbreak; and (ii)
- following said sequence of predefined actions:

wherein one of said predefined actions is restarting in administrator mode an e-mail post office coupled to said computer apparatus.

- (Currently Amended) A-method as claimed in claim 18, A method of responding to detection 34. of an outbreak of a computer virus on a computer apparatus, said method comprising:
- defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- detecting said outbreak; and (ii)
- following said sequence of predefined actions; (iii)

wherein one of said predefined actions is closing down an e-mail post office coupled to said computer apparatus.

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- 35. (Cancelled)
- 36. (Currently Amended) A computer program product as claimed in claim 358, wherein said sequence of predefined actions is user defined.
- 37. (Currently Amended) A computer program product as claimed in claim 358, wherein one or more of said predefined actions is performed after receipt of a user input confirming said predefined action.
- 38. (Currently Amended) A computer program product as claimed in claim 35, Apparatus for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

outbreak detection logic operable to detect said outbreak; and sequence following logic operable to follow said sequence of predefined actions; wherein said sequence of predefined actions varies in dependence upon time of day.

39. (Currently Amended) A computer program product as claimed in claim 35, Apparatus for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak:

outbreak detection logic operable to detect said outbreak; and sequence following logic operable to follow said sequence of predefined actions; wherein said sequence of predefined actions varies in dependence upon day of week.

- 40. (Currently Amended) A computer program product as claimed in claim 358, wherein one of said predefined actions is reducing virus detection notifications.
- 41. (Currently Amended) A computer program product as claimed in claim 358, wherein one of

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said predefined actions is switching from virus quarantining to virus deletion when computer virus is detected.

- 42. (Currently Amended) A computer program product as claimed in claim 358, wherein one of said predefined actions is increasing scan options that control how thoroughly said computer system is scanned to detect a computer virus.
- 43. (Currently Amended) A computer program product as claimed in claim 358, wherein one of said predefined actions is sending a copy of said detected computer virus to a remote site for analysis.
- 44. (Currently Amended) A computer program product as claimed in claim 358, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.
- 45. (Currently Amended) A computer program product as claimed in claim 358, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.
- 46. (Currently Amended) A computer program product as claimed in claim 358, wherein one of said predefined actions is performing a complete virus scan of all computer files stored in at least a portion of said computer apparatus.
- 47. (Cancelled)
- 478. (Currently Amended) A computer program product as claimed in claim-46, Apparatus for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon eletection of said outbreak:

outbreak detection logic operable to detect said outbreak; and sequence following logic operable to follow said sequence of predefined actions; wherein one of said predefined actions is blocking e-mail attachments;





wherein a said predefined action of blocking e-mail attachments blocks identical attachments appearing in excess of a threshold level.

49. (Currently Amended) A computer program product as claimed in claim 35, Apparatus for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

outbreak detection logic operable to detect said outbreak; and

sequence following logic operable to follow said sequence of predefined actions;

wherein one of said predefined actions is rendering non-accessible e-mail distribution lists and e-mail address books of e-mail clients coupled to said computer apparatus.

(Currently Amended) A computer program-product as-claimed in claim 35, Apparatus for 50. responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

outbreak detection logic operable to detect said outbreak; and

sequence following logic operable to follow said sequence of predefined actions;

wherein one of said predefined actions is restarting in administrator mode an e-mail post office coupled to said computer apparatus.

51. (Currently Amended) A computer program-product-as-claimed-in-claim-35; Appearatus for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

outbreak detection logic operable to detect said outbreak; and

sequence following logic operable to follow said sequence of predefined actions;

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wherein one of said predefined actions is closing down an e-mail post office coupled to said computer apparatus.